

Ordering Numbers

Name: _____ Date: _____ Block: _____

For questions 1-6, place each set of numbers in ONE common form then order accordingly. You must show your work to receive full credit.

1.) Write the following in order from greatest to least:

19% , $\frac{19}{20}$, 1.9% , 1.9×10^5

2.) Write the following in order from least to greatest:

2.3×10^{-3} , $\frac{2}{3}$, 2.3 , 2.3%

3.) Write the following in order from least to greatest:

1.2×10^5 , -1.2×10^5 , 12% , $\frac{12}{10}$

4.) Write the following in order from greatest to least:

$\frac{5}{8}$, 50% , 10^{-2} , 5.4×10^{-2}

5.) Write the following in order from least to greatest:

85% , $\frac{4}{5}$, 9.322×10^{-1} , 10^0

6.) Write the following in order from greatest to least:

10^{-1} , 17.5% , $\frac{3}{4}$, 1.3×10^1

Place a < , > , = , ≤ , ≥ in the blank to make the statement true.

7.) $\frac{1}{5}$ _____ 0.10

8.) $\frac{1}{3}$ _____ $33.\bar{3}\%$

9.) 1.25 _____ 100%

10.)

Place $\frac{45}{100}$ and 66% on the number line shown below.

Circle ALL the numbers in the box that lie between the two values that you graphed. Explain how you determined whether or not each answer was between the two graphed values.



0.47	$\frac{3}{5}$	45%	$\frac{1}{5}$	5.6×10^{-2}	0.63	50%	$\frac{65}{100}$	$\frac{2}{3}$
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